

10/562154

Atty. Dkt. No. 016906-0459

JC10 Rec'd PCT/PTO 23 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Snjezana BOGER et al.

Title: FLUXING AGENT FOR SOLDERING METAL COMPONENTS

Appl. No.: Unassigned

Filing Date: 12/23/2005

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

JC10 Rec'd PCT/PTO 23 DEC 2005

RELEVANCE OF EACH DOCUMENT

The relevance of non-English language documents A11-A16 is described in the present specification.

Documents A9-A13, A17 and A18 listed on the attached PTO/SB/08 were cited as being relevant during a search of the corresponding International application. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached.

Documents A1, A10 and A14 belong to the same "patent family," whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Documents A2 and A11 belong to the same "patent family," whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Documents A3, A8 and A13 belong to the same "patent family," whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Documents A7 and A12 belong to the same "patent family," whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Unless otherwise indicated, no English translation is readily available (not considering machine-generated translations that may be freely available online, to both the Applicant and the PTO) for each of the non-English language documents. However, a commercially available English language abstract is provided herewith, where indicated on the attached Form PTO/SB/08. Inasmuch as Applicants have endeavored to provide at least one item that complies with the requirement for a "concise explanation of relevance" for each of the non-

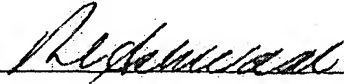
English language documents, each of these documents has been submitted in compliance with the PTO requirements and should be considered by the Examiner (37 CFR §1.97, §1.98 and MPEP §609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date December 23, 2005

By 

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5414
Facsimile: (202) 672-5399

Richard L. Schwaab
Attorney for Applicant
Registration No. 25,479

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

JCTO Rec'd PCT/PTO 23 DEC 2005

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: December 23, 2005

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	Unassigned 10/562154
Filing Date	12/23/2005
First Named Inventor	Snjezana BOGER
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	016906-0459

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	6,880,746	B1	SESEKE-KOYRO ET AL.	04-19-2005	
	A2	6,432,221	B1	SESEKE-KOYRO ET AL.	08-13-2002	
	A3	3,971,501		COOKE	07-27-1976	
	A4	5,795,659		MEELU ET AL.	08-18-1998	
	A5	5,962,145		MATSUKAWA	10-05-1999	
	A6	5,518,555		OUYANG ET AL.	05-21-1996	
	A7	2002/0070263	A1	SESEKE-KOYRO ET AL.	06-13-2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear.	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A8	GB	1 542 323		ALCAN RESEARCH & DEVELOPMENT LTD.	03-14-1979		
	A9	WO	03/072288	A1	INFINEON TECHNOLOGIES AG	09-04-2003		Abst.
	A10	WO	01/74530	A1	SOLVAY FLUOR UND DERIVATE GMBH	10-11-2001		Abst.
	A11	DE	199 13 111	A1	SOLVAY FLUOR & DERIVATE GMBH	09-30-1999		Abst.
	A12	WO	00/73014	A1	SOLVAY FLUOR UND DERIVATE GMBH	12-07-2000		Abst.
	A13	DE	26 14 872	A1	ALCAN RESEARCH & DEVELOPMENT LTD.	10-14-1976		Abst.
	A14	DE	100 15 486	A1	SOLVAY FLUOR & DERIVATE GMBH	10-11-2001		Abst.
	A15	EP	1 154 042	A1	NIPPON PAINT CO., LTD., ET AL.	11-14-2001		
	A16	EP	0 659 519	B1	DENSO CORP.	09-19-2001		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A17	Patent Abstract, CN 1 413 797, Univ. Harbin Polytechnic, 04-30-2003.	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

JCIO REC'D PTO 28 DEC 2005

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Unassigned 10/562154
Date Submitted: December 23, 2005		Filing Date	12/23/2005
(use as many sheets as necessary)		First Named Inventor	Snjezana BOGER
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	2	of	2
		Attorney Docket Number	016906-0459

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A18	D.C. Lin et al., "An investigation of nanoparticles addition on solidification kinetics and microstructure development of tin-lead solder," Materials Science Engineering, Bd. A 360, November 15, 2003, page 285-292.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.